In the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1-8. **(Canceled)**

9. **(Currently Amended)** A fluid turbine, comprising:

a rotor and blade assembly, including:

a rotor, the rotor being rotatable about a rotation axis;

a plurality of blades, each of the blades having a tip, the blade tips defining a blade tip radius with respect to the rotation axis;

a fluid displacement head arrangement blocking off at least 50% of the blade tip radius from the rotation axis towards the blade tips, the fluid displacement head arrangement shaped to redirect blocked-off fluid towards the blades extending radially beyond a blocked-off area; and

a single annular fluid intake scoop and flow through encasement assembly surrounding the rotor and blade assembly, the encasement assembly having an interior surface and an exterior surface, the exterior surface of the encasement assembly being shaped to form an airfoil, so as to provide converging airflow for augmenting exhaust from the turbine;

wherein air flowing through the encasement assembly enters the encasement assembly solely through one central opening formed between the interior surface of the encasement assembly and the rotor and blade assembly.

10. **(Canceled)**

11. **(Previously Presented)** The fluid turbine of claim 9, wherein the interior surface of the encasement assembly has a fluid velocity increasing surface forward of the blades, the fluid velocity increasing surface being shaped to increase the velocity of fluid entering the turbine.

12. **(Previously Presented)** The fluid turbine of claim 11, wherein the fluid velocity increasing surface is S-shaped.

13. **(Previously Presented)** The fluid turbine of claim 12, wherein the interior surface of the encasement assembly has an expanding exhaust channel surface rearward of the blades.

14. **(Previously Presented)** The fluid turbine of claim 9, wherein the interior surface of the encasement assembly has an expanding exhaust channel surface rearward of the blades.

15. **(Canceled)**

16. **(Canceled)**

17. **(Canceled)**

18. **(Previously Presented)** The fluid turbine of claim 9, wherein the fluid displacement head arrangement is, at least in part, spherical.

19. **(Previously Presented)** The fluid turbine of claim 11, wherein the fluid displacement head arrangement is, at least in part, spherical.

20. **(Previously Presented)** The fluid turbine of claim 12, wherein the fluid displacement head arrangement is, at least in part, spherical.

21. **(Previously Presented)** The fluid turbine of claim 14, wherein the fluid displacement head arrangement is, at least in part, spherical.

22. **(Canceled)**

23. **(Previously Presented)** The fluid turbine of claim 9, wherein each of the blades has a controllable blade pitch.

24. **(Previously Presented)** The fluid turbine of claim 9, further comprising a rotatable support constructed and arranged to permit the fluid turbine to be rotatably supported on a support tower.

25. **(Previously Presented)** The fluid turbine of claim 9, wherein the blades are in two spaced-apart rows.

26. **(Previously Presented)** The fluid turbine of claim 25, further comprising a plurality of flow stabilizers in between the rows of blades.

27. **(Previously Presented)** The fluid turbine of claim 9, wherein the fluid turbine is a wind turbine.

28. **(Previously Presented)** The fluid turbine of claim 9, wherein the fluid turbine is a water turbine.

29. **(Previously Presented)** The fluid turbine of claim 11, wherein the interior surface of the encasement assembly has an expanding exhaust channel surface rearward of the blades.

30. **(Previously Presented)** The fluid turbine of claim 9, wherein

the fluid displacement head arrangement is, at least in part, spherical; and

the interior surface of the encasement assembly has an expanding exhaust channel surface rearward of the blades and an S-shaped fluid velocity increasing surface forward of the blades being shaped to increase the velocity of fluid entering the turbine.

31. **(New)** The fluid turbine of claim 11, wherein the fluid displacement head arrangement and the velocity increasing surface forward of the blades are positioned with respect to each other so as to compress air flowing through the annular fluid intake scoop and flow through assembly forward of the blades.

32. **(New)** The fluid turbine of claim 19, wherein the fluid displacement head arrangement and the velocity increasing surface forward of the blades are positioned with

respect to each other so as to compress air flowing through the annular fluid intake scoop and flow through assembly forward of the blades.